

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

O I P E
APR 19 2002
PATENT & TRADEMARK OFFICE

ELECTION AND POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	10/004,538
Filing Date	October 23, 2001
First Named Inventor	Reishi Naka
Group Art Unit	2859
Examiner Name	
Attorney Docket Number	980039.409

I hereby appoint:

 Practitioners at Customer Number

OR

 Practitioner(s) named below:

00500

PATENT TRADEMARK OFFICE

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

 The above-mentioned Customer Number.

OR

 Firm or Individual Name

Address

Address

City

State

ZIP

Country

Telephone

Fax

I am the:

 Applicant/Inventor. Assignee of record of the entire interest. See 37 CFR 3.71.

Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

 As assignee of record of the entire interest hereby elect, under 37 C.F.R. § 3.71, to prosecute the application to the exclusion of the inventor**SIGNATURE of Applicant or Assignee of Record**

Name	TOSHIKAZU HASEGAWA
Signature	
Date	April 4, 2002

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required.
Submit multiple forms if more than one signature is required, see below* *Total of 2 forms are submitted.

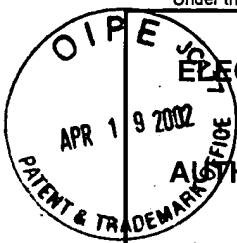
Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → +

ADDRESS MAIL NO. EL897866755US

PTO/SB/81 (10-00)

Approved for use through 10/31/2002. OMB 0651-0035
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



ELECTION AND POWER OF
ATTORNEY OR
AUTHORIZATION OF AGENT

Application Number	10/004,538
Filing Date	October 23, 2001
First Named Inventor	Reishi Naka
Group Art Unit	2859
Examiner Name	
Attorney Docket Number	980039.409

I hereby appoint:

Practitioners at Customer Number

OR

Practitioner(s) named below:



00500

PATENT TRADEMARK OFFICE

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

The above-mentioned Customer Number.

OR

Firm or Individual Name

Address

Address

City

State

ZIP

Country

Telephone

Fax

I am the:

Applicant/Inventor.

Assignee of record of the entire interest. See 37 CFR 3.71.

Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

As assignee of record of the entire interest hereby elect, under 37 C.F.R. § 3.71, to prosecute the application to the exclusion of the inventor

SIGNATURE of Applicant or Assignee of Record

Name Kiyoshi Wada

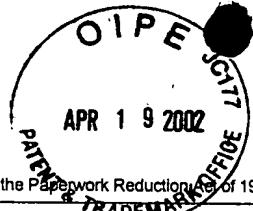
Signature Kiyoshi Wada

Date April 4, 2002

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required.
Submit multiple forms if more than one signature is required, see below*.

*Total of 2 forms are submitted.

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



EXPRESS MAIL NO. EL897866755US

PTO/SB/96 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Reishi Naka et al.Application No./Patent No.: 10/004,538 Filed/Issue Date: October 23, 2001Entitled: **HEAT CONDUCTIVITY MEASUREMENT METHOD AND INSTRUMENT AND**
METHOD OF PRODUCING A HEAT INSULATING MATERIAL**Eko Instruments Trading Co., Ltd.**

(Name of Assignee)

a corporation(Type of Assignee, e.g., corporation, partnership,
university, government agency, etc.)

states that it is:

1. the assignee of the entire right, title, and interest; or
2. an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

A. An assignment from the inventor(s) of the patent application/patent identified above.
The assignment was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. A chain of title from the inventor(s), of the patent application/patent identified above, to the
current assignee as shown below:

1. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached

1. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached

1. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8.]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

April 4, 2002

Date

TOSHIKAZU HASEGAWA

Typed or printed name

T. Hasegawa

Signature

REPRESENTATIVE DIRECTOR

Title

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

ASSIGNMENT

WHEREAS, we, Reishi Naka, Masato Hayashi, Tomohiro Koyama, Toshikazu Hasegawa and Takeshi Aoshima (hereinafter referred to as ASSIGNORS), having mailing addresses of c/o Nisshinbo Industries, Inc. Chiba, 9163-13, Kamakazu, Asahi-shi, Chiba-ken, Japan; c/o Nisshinbo Industries, Inc. Chiba, 9163-13, Kamakazu, Asahi-shi, Chiba-ken, Japan; c/o Nisshinbo Industries, Inc. Chiba, 9163-13, Kamakazu, Asahi-shi, Chiba-ken, Japan; Konoecho-Park-Mansion 302, 2-17-11, Shimoochiai, Shinjuku-ku, Tokyo, Japan; and Mogusa Danchi 273-504, 999 Mogusa, Hino-shi, Tokyo, Japan, respectively, are the joint inventors of an invention entitled "HEAT CONDUCTIVITY MEASUREMENT METHOD AND INSTRUMENT AND METHOD OF PRODUCING A HEAT INSULATING MATERIAL," as described and claimed in the specification for which an application for United States letters patent was filed on October 23, 2001 and assigned Application No. 10/004,538. This application claims priority from Japanese Application No. 2000-327333, filed October 26, 2000.

WHEREAS, Nisshinbo Industries, Inc. and EKO Instruments Trading Co., Ltd. (hereinafter referred to as ASSIGNEES), having places of business at 31-11, Nihonbashi Ningyocho 2-chome, Chuo-ku, Tokyo, Japan, and 2-1-6, Sasazuka, Shibuya-ku, Tokyo, Japan, respectively, are desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all countries of the world;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEES the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEES and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEES and their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEES. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United

instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

Reishi Naka

Reishi Naka

Date: March 1, 2002

I certify that I know or have satisfactory evidence that the above person signed this instrument of his/her own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Witness Ken Shibata

Date: March 1, 2002

Masato Hayashi

Masato Hayashi

Date: March 1, 2002

I certify that I know or have satisfactory evidence that the above person signed this instrument of his/her own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Witness Kaori Sako

Date: March 1, 2002

Tomohiro Koyama

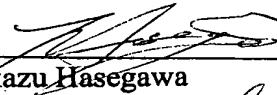
Tomohiro Koyama

Date: March 4, 2002

I certify that I know or have satisfactory evidence that the above person signed this instrument of his/her own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

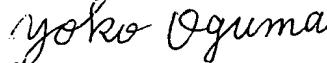
Witness Mizuko Kitamura

Date: March 4, 2002


Toshikazu Hasegawa

Date: April 4, 2002

I certify that I know or have satisfactory evidence that the above person signed this instrument of his/her own free will, as a voluntary act for the uses and purposes mentioned in the instrument.


Witness Yoko Oguma

Date: April 4, 2002


Takeshi Aoshima

Date: Apr. 4 2002

I certify that I know or have satisfactory evidence that the above person signed this instrument of his/her own free will, as a voluntary act for the uses and purposes mentioned in the instrument.


Witness Emiko Ohmori

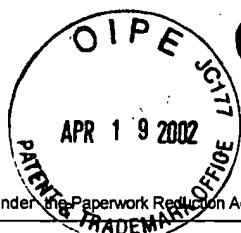
Date: April 4, 2002

ASSIGNMENT

WHEREAS, we, Reishi Naka, Masato Hayashi, Tomohiro Koyama, Toshikazu Hasegawa and Takeshi Aoshima (hereinafter referred to as ASSIGNORS), having mailing addresses of c/o Nisshinbo Industries, Inc. Chiba, 9163-13, Kamakazu, Asahi-shi, Chiba-ken, Japan; c/o Nisshinbo Industries, Inc. Chiba, 9163-13, Kamakazu, Asahi-shi, Chiba-ken, Japan; c/o Nisshinbo Industries, Inc. Chiba, 9163-13, Kamakazu, Asahi-shi, Chiba-ken, Japan; Konoecho-Park-Mansion 302, 2-17-11, Shimoochiai, Shinjuku-ku, Tokyo, Japan; and Mogusa Danchi 273-504, 999 Mogusa, Hino-shi, Tokyo, Japan, respectively, are the joint inventors of an invention entitled "HEAT CONDUCTIVITY MEASUREMENT METHOD AND INSTRUMENT AND METHOD OF PRODUCING A HEAT INSULATING MATERIAL," as described and claimed in the specification for which an application for United States letters patent was filed on October 23, 2001 and assigned Application No. 10/004,538. This application claims priority from Japanese Application No. 2000-327333, filed October 26, 2000.

WHEREAS, Nisshinbo Industries, Inc. and EKO Instruments Trading Co., Ltd. (hereinafter referred to as ASSIGNEES), having places of business at 31-11, Nihonbashi Ningyocho 2-chome, Chuo-ku, Tokyo, Japan, and 2-1-6, Sasazuka, Shibuya-ku, Tokyo, Japan, respectively, are desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all countries of the world;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEES the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEES and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEES and their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEES. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United



EXPRESS MAIL NO. EL897866755US

PTO/SB/96 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Reishi Naka et al.Application No./Patent No.: 10/004,538 Filed/Issue Date: October 23, 2001Entitled: HEAT CONDUCTIVITY MEASUREMENT METHOD AND INSTRUMENT AND
METHOD OF PRODUCING A HEAT INSULATING MATERIAL

Nisshinbo Industries, Inc., a corporation
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership,
university, government agency, etc.)

states that it is:

1. the assignee of the entire right, title, and interest; or
2. an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

A. An assignment from the inventor(s) of the patent application/patent identified above.
The assignment was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. A chain of title from the inventor(s), of the patent application/patent identified above, to the
current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

April 4, 2002
DateKiyoshi Wada
Typed or printed nameKiyoshi Wada
SignatureManager, Patent Dept., R & D Division
Title

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

Reishi Naka

Reishi Naka

Date: March 1, 2002

I certify that I know or have satisfactory evidence that the above person signed this instrument of his/her own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Witness Ken Shibata

Date: March 1, 2002

Masato Hayashi

Masato Hayashi

Date: March 1, 2002

I certify that I know or have satisfactory evidence that the above person signed this instrument of his/her own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Witness Kaori Sako

Date: March 1, 2002

Tomohiro Koyama

Tomohiro Koyama

Date: March 4, 2002

I certify that I know or have satisfactory evidence that the above person signed this instrument of his/her own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

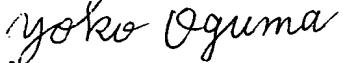
Witness Mizuko Kitamura

Date: March 4, 2002

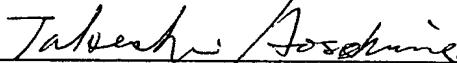

Toshikazu Hasegawa

Date: April 4, 2002

I certify that I know or have satisfactory evidence that the above person signed this instrument of his/her own free will, as a voluntary act for the uses and purposes mentioned in the instrument.


Witness Yoko Oguma

Date: April 4, 2002


Takeshi Aoshima

Date: Apr. 4, 2002

I certify that I know or have satisfactory evidence that the above person signed this instrument of his/her own free will, as a voluntary act for the uses and purposes mentioned in the instrument.


Witness Emiko Ohmori

Date: April 4, 2002